

Suspended Solar Farm

The 'Suspended Solar Farm' consists of 75 tent-shaped solar dishes grouped together shaping a medium-grid utility with total area of 17331 square meters. The design concept originates from the 'Bedouin tent' to be in accordance with the location. However, the dishes are made up of light parabolic, high reflective alloy, with Stirling engines located at their focal point. The engines are fixed using cables. The system also harvests rain-water, using it to irrigate the green space. The annual capacity of the system are mentioned below:

Energy Technologies: solar parabolic concentrators

Water Technology: rainwater harvesting

Annual Capacity: 378.9 MWh, 832.4 thousand liters of water

Tent Shape

